

# *Power Is In Your Hands*

FAILURE DETECTION

FUEL LEVEL CONTROL

MAINTENANCE TIME REMINDER

BATTERY VOLTAGE MONITORING

RADIATOR WATER LEVEL WARNING

**REMOTE MONITORING AND  
MANAGEMENT SYSTEM**

**TEKSAN**



## PRACTICAL, COMFORTABLE, COST-EFFECTIVE...

Teksan Remote Monitoring and Management System, supported by GSM and internet Technologies, is an extremely handy and cost-effective web-based solution that enable users to monitor and to interfere the generator set remotely in case of need.

This high-tech system transfers data of the generator set operating on the field to a remote device such as a computer, tablet or smartphone through a control panel that is connected to the internet and allows users to manage their gensets through these devices.

- The control panel, which directly communicates with the generator set, transmits the operating data to Teksan servers via a modem connected to the internet.
- Authorized users, who connect to Teksan Servers via Teksan Remote Monitoring and Control System Interface, can access all the performance data, measurements and operation reports of the generator sets.
- Without installing any additional software, users can utilize Remote Monitoring and Management System through a desktop computer, a laptop, a tablet or even a smartphone which has internet access.



WEB BASED REMOTE MONITORING AND CONTROL SYSTEM

## SYSTEM FEATURES

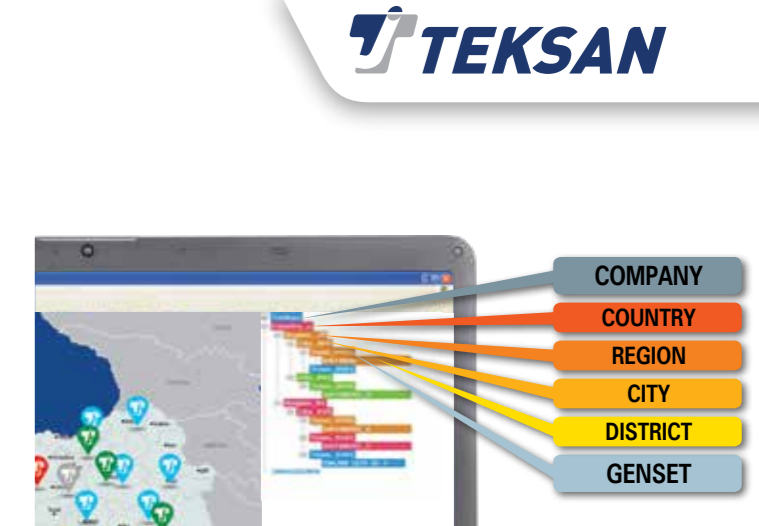
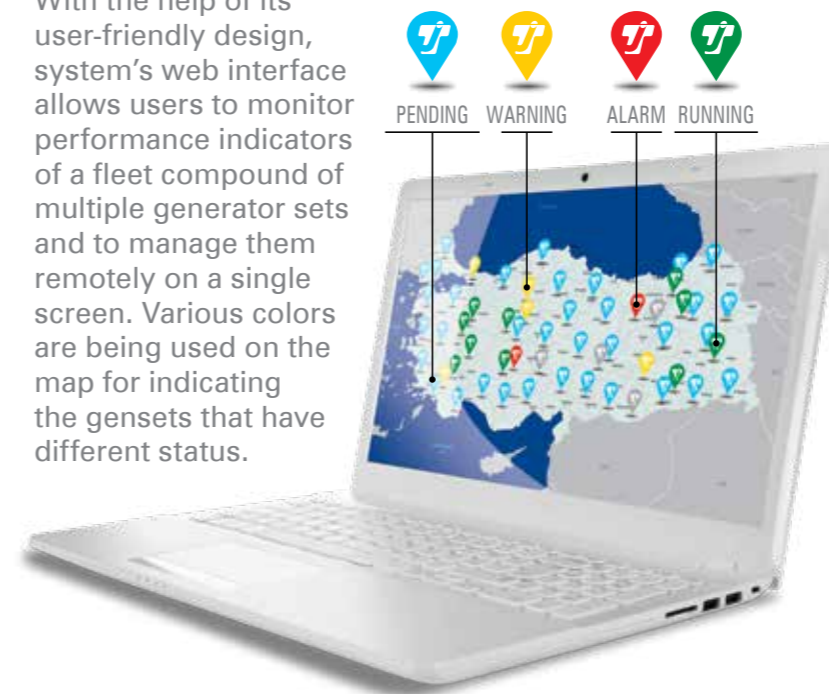
With the help of GSM and internet technologies, system not only allows users monitor their gensets, but also to intervene and manage them by connecting the control panel remotely in case of need.

Besides, the GPS infrastructure provided by the system allows users to instantly monitor the location where their generator sets are located on the map. Thanks to this feature, system facilitates users significantly for monitoring of their both fixed and mobile generator sets.



## USER-FRIENDLY SYSTEM INTERFACE

With the help of its user-friendly design, system's web interface allows users to monitor performance indicators of a fleet compound of multiple generator sets and to manage them remotely on a single screen. Various colors are being used on the map for indicating the gensets that have different status.

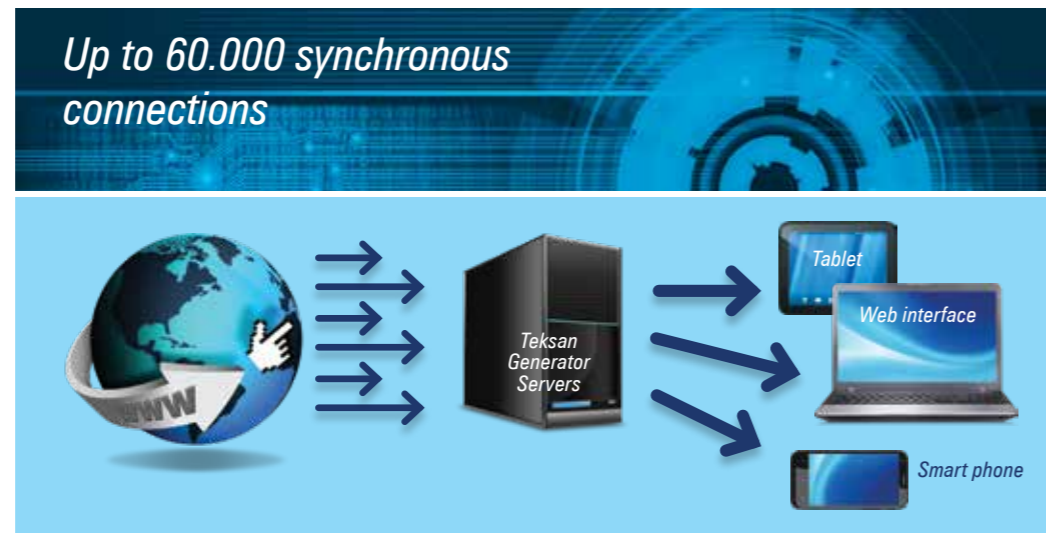


Besides, the capability of executing several adjustments optionally on the web interface increases the usability of the system. In case of need, many customizations are available such as regrouping genset sites on different basis.

## EASE OF USE

The Remote Monitoring and Management System does not require any additional software program installation. With this feature, the system that operates on the Teksan servers does not bring additional costs to the users where also offsets time-consuming efforts like program installation.

Users can access to the web interface at any time and place they want through mobile devices such as tablets or smartphones that has internet connection, and can get the control of their generator sets.



*Up to 60.000 synchronous connections*

## DETAILED MONITORING AND CONTROL

The system allows users to monitor or control remotely almost all parameters that can be monitored and controlled on the standard control panel. Thanks to this, system allows users to possess a significant control over generator sets that are operating on distant locations. Thus, users are provided with great convenience in terms of safe operation, maintenance and troubleshooting.

Besides the fact that the historical data, which are stored on the servers, also enables users to conduct more detailed and better analyses.





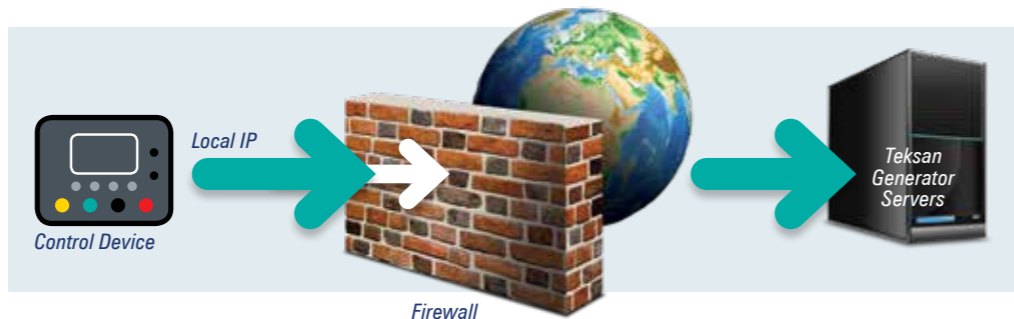
## ENHANCED SECURITY

### You will always be on the safe side...

The system provides dual connection to the control panel, one of which via LAN through the ethernet port and the other via GPRS modem through the RS-232 or RS-485 ports, to ensure higher reliability.

Hence control panel does not need the use of "Port Routing" nor "Static IP" to execute its operations, system provides a practical use.

Besides, to ensure maximum system security, the data collected from generator sets are only kept on Teksan Generator servers, which have special data protection software to prevent unauthorized accesses.



## LOWER OPEX

GSM and internet technologies that system utilizes, enables users to intervene and manage the generator sets. Furthermore, in case of possible failures, generator sets do not need physical intervention for troubleshooting, problems occurred can be solved remotely by the operators in a fast and effective way.

Thereby, not only the unnecessary physical service interventions and their financial burdens but also the risk of monetary losses related to interrupted services can be minimized, thanks to quick and effective troubleshooting capability.

## STEADY CONTROL AND INTERVENTION



### The Luxury of Being Safe

### With Teksan Remote Monitoring And Management System, the power is in your hands...

- Teksan Remote Monitoring and Management System, which significantly shortens the time of response and intervention in case of failures, facilitates high customer satisfaction,
  - By ensuring the remote control and detection of the fuel level, system prevents the fuel theft or leak and crack problems that may occur in the fuel line,
  - It allows users to monitor the battery charge conditions remotely. Thus, the generator set operation problems due to low charge level can be prevented,
  - Instant voltage, current and power parameters can be monitored on the system,
  - The temperature of the generator set coolant can be monitored, and possible problems due to genset's operation at high temperature can be predicted and be avoided,
  - Thanks to radiator-water-level-detection function, system prevents generator set to operate on insufficient water,
  - Maintenance plan of the gensets, which need technical services, can be scheduled easily,
- Thanks to the GPS modules, generator sets can be
- located by means of their geographic position and to be found in the blink of an eye during theft incidents.





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